

### ABSTRACT OF THE DISCLOSURE

Disclosed are mammalian p33<sup>QIK</sup> and p63<sup>Krs1</sup>-derived polypeptide and peptide compositions and methods for their use in preparing antibodies and in the detection and quantitation of p33<sup>QIK</sup> and p63<sup>Krs1</sup> polypeptides and antibodies in a sample. Also disclosed are methods, kits, and reagents for the diagnosis of diseases manifesting in or resulting from altered p33<sup>QIK</sup> and/or p63<sup>Krs1</sup> polypeptide levels in a patient.

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